

## Cambox Inspection Report

<b>Technician</b>		<b>Cell#</b>	
<b>Serial Number</b>		<b>Date</b>	
<b>Machine Model</b>			
<b>Cambox Part Number</b>			
<b>Original or Rebuilt</b>			
<b>Tool Change Count</b>			
<b>Why is the CAMBOX being replaced?</b>			
1. What is the alarm/symptom?	11.103 TA-Axis Servo Error Too Large: 11.994 TA (TC ARM) Amplifier Overload: Other:	11.108 TA-Axis Servo Overload:	
2. When does the alarm/symptom occur?	Start up: During clamp:	During rotation: During unclamp:	During output shaft extension/retraction: At home position:
3. Is the alarm resetable?	Yes:	No:	
4. At what rapid speeds are the alarms occurring?	5%:	25%:	50%:      100%:
5. Describe any other issues:			
<b>Mandatory Troubleshooting</b>			
6. Attach a video of cambox alarming on machine. If alarm can not be reproduced, upload a video with a minimum of 5 tool change cycles.			Attached:
7. Attach an error report from the machine.			Attached:
8. Attach images of the cambox mounted to the machine after removing the sheet metal.			Attached:
9. Has a crash occurred?			Yes:      No:
10. Is the double arm aligned? <b>If No, the following must be answered</b>			Yes:      No:
10a. Is spindle tool change offset set correctly?			Yes:      No:
10b. Is spindle orientation offset set correctly?			Yes:      No:
10c. Is double arm aligned to carousel pocket correctly?			Yes:      No:
11. Is there any visible damage to the spindle dogs?			Yes:      No:
12. Is there any visible damage to any tool holders?			Yes:      No:
13. Is there any visible damage to the double arm?			Yes:      No:
14. Is there any visible damage to the cambox output shaft?			Yes:      No:
15. Was the oil level sufficient in the cambox?			Yes:      No:
16. Are there any leaks around the sight glass?			Yes:      No:
17. Are there any leaks around the bearing cap assembly?			Yes:      No:
18. Attach image of oil sample.			Attached:
19. Can the cambox be bound up using the hand crank tool? (Do a minimum of 5 tool change cycles in each direction.)			Yes:      No:
20. What is the environmental condition surrounding the cambox?	Clean: Contaminated with coolant: Contaminated with other debris:	Contaminated with chips: Contaminated with oil:	
<b>Notes/ Observations:</b>			

**Attach this report, an error report, and any relevant documentation to a service notification in the Haas Service App.**